

L Number	Hits	Search Text	DB	Time stamp
1	9	((251/129.01-129.22).CCLS.) and (crush adj ring)	USPAT; US-PGPUB	2004/07/23 12:44
2	572	(251/129.21).CCLS.	USPAT; US-PGPUB	2004/07/23 12:44
3	142	((251/129.21).CCLS.) and filter	USPAT; US-PGPUB	2004/07/23 12:44
4	971	(251/129.15).CCLS.	USPAT	2004/07/23 12:44
5	211	((251/129.15).CCLS.) and filter	USPAT; US-PGPUB	2004/07/23 12:44
6	42	(251/\$.ccls. or 137/\$.ccls.) and (mask\$4 and harden\$4)	USPAT	2004/07/23 12:45
7	612	(239/585.1).CCLS.	USPAT	2004/07/23 12:45
8	219	((239/585.1).CCLS.) and filter	USPAT	2004/07/23 12:45
-	74	(US-6012655-\$..DID. OR US-5996911-\$..DID. OR US-5996910-\$..DID. OR US-5979866-\$..DID. OR US-5937887-\$..DID. OR US-5927613-\$..DID. OR US-5732888-\$..DID. OR US-5718387-\$..DID. OR US-5692723-\$..DID. OR US-5340032-\$..DID. OR US-4915350-\$..DID. OR US-5012982-\$..DID. OR US-6173915-\$..DID. OR US-0626412-\$..DID. OR US-6024293-\$..DID. OR US-0471984-\$..DID. OR US-6047907-\$..DID. OR US-6027049-\$..DID. OR US-5263648-\$..DID. OR US-5580001-\$..DID. OR US-5275341-\$..DID. OR US-6201461-\$..DID. OR US-6186472-\$..DID. OR US-6089475-\$..DID. OR US-6079642-\$..DID. OR US-6076802-\$..DID. OR US-6039271-\$..DID. OR US-6019128-\$..DID. OR US-6003790-\$..DID. OR US-5996227-\$..DID. OR US-5975436-\$..DID. OR US-5915626-\$..DID. OR US-5875975-\$..DID. OR US-5775600-\$..DID.) or (US-5769965-\$..DID. OR US-5755386-\$..DID. OR US-5775355-\$..DID. OR US-5769391-\$..DID. OR US-5566920-\$..DID. OR US-5494225-\$..DID. OR US-5494224-\$..DID. OR US-5236174-\$..DID. OR US-5076499-\$..DID. OR US-5054691-\$..DID. OR US-4984744-\$..DID. OR US-4342427-\$..DID. OR US-5921475-\$..DID. OR US-5488340-\$..DID. OR US-4527744-\$..DID. OR US-6302371-\$..DID. OR US-6045116-\$..DID. OR US-6328232-\$..DID. OR US-6089467-\$..DID. OR US-6039272-\$..DID. OR US-0597941-\$..DID. OR US-5944262-\$..DID. OR US-5901688-\$..DID. OR US-5544816-\$..DID. OR US-5520151-\$..DID. OR US-5462231-\$..DID. OR US-5190221-\$..DID. OR US-5167213-\$..DID. OR US-5127585-\$..DID. OR US-5058554-\$..DID.) or (US-5038738-\$..DID. OR US-4991557-\$..DID. OR US-4946107-\$..DID. OR US-4944486-\$..DID. OR US-4875658-\$..DID. OR US-4662567-\$..DID. OR US-4597558-\$..DID. OR US-4552312-\$..DID. OR US-4520962-\$..DID. OR US-3567135-\$..DID.)	USPAT	2004/03/30 14:23
-	7	("4218021" "5494224" "5755386" "5921475" "5937887" "5979866" "6019128").PN.	USPAT	2004/03/04 13:45

	0	((US-6012655-\$ DID. OR US-5996911-\$ DID. OR US-5996910-\$ DID. OR US-5979866-\$ DID. OR US-5937887-\$ DID. OR US-5927613-\$ DID. OR US-5732888-\$ DID. OR US-5718387-\$ DID. OR US-5692723-\$ DID. OR US-5340032-\$ DID. OR US-4915350-\$ DID. OR US-5012982-\$ DID. OR US-6173915-\$ DID. OR US-0626412-\$ DID. OR US-6024293-\$ DID. OR US-0471984-\$ DID. OR US-6047907-\$ DID. OR US-6027049-\$ DID. OR US-5263648-\$ DID. OR US-5580001-\$ DID. OR US-5275341-\$ DID. OR US-6201461-\$ DID. OR US-6186472-\$ DID. OR US-6089475-\$ DID. OR US-6079642-\$ DID. OR US-6076802-\$ DID. OR US-6039271-\$ DID. OR US-6019128-\$ DID. OR US-6003790-\$ DID. OR US-5996227-\$ DID. OR US-5975436-\$ DID. OR US-5915626-\$ DID. OR US-5875975-\$ DID. OR US-5775600-\$ DID.) or (US-5769965-\$ DID. OR US-5755386-\$ DID. OR US-5775355-\$ DID. OR US-5769391-\$ DID. OR US-5566920-\$ DID. OR US-5494225-\$ DID. OR US-5494224-\$ DID. OR US-5236174-\$ DID. OR US-5076499-\$ DID. OR US-5054691-\$ DID. OR US-4984744-\$ DID. OR US-4342427-\$ DID. OR US-5921475-\$ DID. OR US-5488340-\$ DID. OR US-4527744-\$ DID. OR US-6302371-\$ DID. OR US-6045116-\$ DID. OR US-6328232-\$ DID. OR US-6089467-\$ DID. OR US-6039272-\$ DID. OR US-0597941-\$ DID. OR US-5944262-\$ DID. OR US-5901688-\$ DID. OR US-5544816-\$ DID. OR US-5520151-\$ DID. OR US-5462231-\$ DID. OR US-5190221-\$ DID. OR US-5167213-\$ DID. OR US-5127585-\$ DID. OR US-5058554-\$ DID.) or (US-5038738-\$ DID. OR US-4991557-\$ DID. OR US-4946107-\$ DID. OR US-4944486-\$ DID. OR US-4875658-\$ DID. OR US-4662567-\$ DID. OR US-4597558-\$ DID. OR US-4552312-\$ DID. OR US-4520962-\$ DID. OR US-3567135-\$ DID.)) and crush ((251/129.21).CCLS.) and crush	USPAT; US-PGPUB	2004/03/10 14:01
-	7	(251/129.01-129.22).CCLS.	USPAT; US-PGPUB	2004/03/10 14:12
-	6398	(251/129.01-129.22).CCLS.	USPAT; US-PGPUB	2004/03/10 14:02
-	9	((251/129.01-129.22).CCLS.) and (crush adj ring)	USPAT; US-PGPUB	2004/07/23 12:44
-	6	(251/\$.ccls. and (crush adj ring)) not ((251/129.01-129.22).CCLS.) and (crush adj ring))	USPAT; US-PGPUB	2004/03/10 14:03

-	74	(US-6012655-\$ DID. OR US-5996911-\$ DID. OR US-5996910-\$ DID. OR US-5979866-\$ DID. OR US-5937887-\$ DID. OR US-5927613-\$ DID. OR US-5732888-\$ DID. OR US-5718387-\$ DID. OR US-5692723-\$ DID. OR US-5340032-\$ DID. OR US-4915350-\$ DID. OR US-5012982-\$ DID. OR US-6173915-\$ DID. OR US-0626412-\$ DID. OR US-6024293-\$ DID. OR US-0471984-\$ DID. OR US-6047907-\$ DID. OR US-6027049-\$ DID. OR US-5263648-\$ DID. OR US-5580001-\$ DID. OR US-5275341-\$ DID. OR US-6201461-\$ DID. OR US-6186472-\$ DID. OR US-6089475-\$ DID. OR US-6079642-\$ DID. OR US-6076802-\$ DID. OR US-6039271-\$ DID. OR US-6019128-\$ DID. OR US-6003790-\$ DID. OR US-5996227-\$ DID. OR US-5975436-\$ DID. OR US-5915626-\$ DID. OR US-5875975-\$ DID. OR US-5775600-\$ DID.) or (US-5769965-\$ DID. OR US-5755386-\$ DID. OR US-5775355-\$ DID. OR US-5769391-\$ DID. OR US-5566920-\$ DID. OR US-5494225-\$ DID. OR US-5494224-\$ DID. OR US-5236174-\$ DID. OR US-5076499-\$ DID. OR US-5054691-\$ DID. OR US-4984744-\$ DID. OR US-4342427-\$ DID. OR US-5921475-\$ DID. OR US-5488340-\$ DID. OR US-4527744-\$ DID. OR US-6302371-\$ DID. OR US-6045116-\$ DID. OR US-6328232-\$ DID. OR US-6089467-\$ DID. OR US-6039272-\$ DID. OR US-0597941-\$ DID. OR US-5944262-\$ DID. OR US-5901688-\$ DID. OR US-5544816-\$ DID. OR US-5520151-\$ DID. OR US-5462231-\$ DID. OR US-5190221-\$ DID. OR US-5167213-\$ DID. OR US-5127585-\$ DID. OR US-5058554-\$ DID.) or (US-5038738-\$ DID. OR US-4991557-\$ DID. OR US-4946107-\$ DID. OR US-4944486-\$ DID. OR US-4875658-\$ DID. OR US-4662567-\$ DID. OR US-4597558-\$ DID. OR US-4552312-\$ DID. OR US-4520962-\$ DID. OR US-3567135-\$ DID.) (251/129.21).CCLS.	USPAT; US-PGPUB	2004/03/10 14:10
-	569		USPAT; US-PGPUB	2004/07/23 12:44
-	141	((251/129.21).CCLS.) and filter	USPAT; US-PGPUB	2004/07/23 12:44
-	938	(251/129.15).CCLS.	USPAT	2004/07/23 12:44
-	169	((251/129.15).CCLS.) and filter	USPAT; US-PGPUB	2004/07/23 12:44

	148	((251/129.15).CCLS.) and filter) not (((US-6012655-\$ DID. OR US-5996911-\$ DID. OR US-5996910-\$ DID. OR US-5979866-\$ DID. OR US-5937887-\$ DID. OR US-5927613-\$ DID. OR US-5732888-\$ DID. OR US-5718387-\$ DID. OR US-5692723-\$ DID. OR US-5340032-\$ DID. OR US-4915350-\$ DID. OR US-5012982-\$ DID. OR US-6173915-\$ DID. OR US-0626412-\$ DID. OR US-6024293-\$ DID. OR US-0471984-\$ DID. OR US-6047907-\$ DID. OR US-6027049-\$ DID. OR US-5263648-\$ DID. OR US-5580001-\$ DID. OR US-5275341-\$ DID. OR US-6201461-\$ DID. OR US-6186472-\$ DID. OR US-6089475-\$ DID. OR US-6079642-\$ DID. OR US-6076802-\$ DID. OR US-6039271-\$ DID. OR US-6019128-\$ DID. OR US-6003790-\$ DID. OR US-5996227-\$ DID. OR US-5975436-\$ DID. OR US-5915626-\$ DID. OR US-5875975-\$ DID. OR US-5775600-\$ DID.) or (US-5769965-\$ DID. OR US-5755386-\$ DID. OR US-5775355-\$ DID. OR US-5769391-\$ DID. OR US-5566920-\$ DID. OR US-5494225-\$ DID. OR US-5494224-\$ DID. OR US-5236174-\$ DID. OR US-5076499-\$ DID. OR US-5054691-\$ DID. OR US-4984744-\$ DID. OR US-4342427-\$ DID. OR US-5921475-\$ DID. OR US-5488340-\$ DID. OR US-4527744-\$ DID. OR US-6302371-\$ DID. OR US-6045116-\$ DID. OR US-6328232-\$ DID. OR US-6089467-\$ DID. OR US-6039272-\$ DID. OR US-0597941-\$ DID. OR US-5944262-\$ DID. OR US-5901688-\$ DID. OR US-5544816-\$ DID. OR US-5520151-\$ DID. OR US-5462231-\$ DID. OR US-5190221-\$ DID. OR US-5167213-\$ DID. OR US-5127585-\$ DID. OR US-5058554-\$ DID.) or (US-5038738-\$ DID. OR US-4991557-\$ DID. OR US-4946107-\$ DID. OR US-4944486-\$ DID. OR US-4875658-\$ DID. OR US-4662567-\$ DID. OR US-4597558-\$ DID. OR US-4552312-\$ DID. OR US-4520962-\$ DID. OR US-3567135-\$ DID.)) or (((251/129.21).CCLS.) and filter)) ("6012655" "5996911" "5996910" "5979866" "5937887" "5927618" "5732888" "004/08/30" "15:09" "2723" "53- 75 7 ("4218021" "5494224" "5755386" "5921475" "5937887" "5979866" "6019128").PN. 7 ("4218021" "5494224" "5755386" "5921475" "5937887" "5979866" "6019128").PN. 12 ("2991064" "3250477" "4549859" "4669429" "5381999" "5402764" "5443209" "5494224" "5494225" "5615870" "5655716" "5803052").PN. 22 ("4572436" "4655396" "4787418" "4807812" "4813610" "4909447" "4917307" "4932593" "4941447" "4958773" "4958774" "5054691" "5080288" "5086980" "5154350" "5340032" "5348232" "5372313" "5381965" "5381966" "5417373" "5544816").PN. 10 ("4655396" "4787418" "4909447" "4941447" "5054691" "5340032" "5348232" "5372313" "5381965" "5381966").PN. 7 ("4385339" "4575009" "4625919" "4717080" "4944486" "4946107" "5190221").PN. 0 (((6012655" "5996911" "5996910" "5979866" "5937887" "5927618" "5732888" "004/08/30" "15:09" "2723" "53- and (crush adj ring) 154620 251/.ccls. or 137/.ccls. 832 (251/.ccls. or 137/.ccls.) and mask\$4 42 (251/.ccls. or 137/.ccls.) and (mask\$4 and harden\$4) 1 ("5937887").PN.	USPAT	2004/03/10 14:37
	75 7 7 12 22 10 7 0 154620 832 42 1	(4218021" "5494224" "5755386" "5921475" "5937887" "5979866" "6019128").PN. (4218021" "5494224" "5755386" "5921475" "5937887" "5979866" "6019128").PN. (2991064" "3250477" "4549859" "4669429" "5381999" "5402764" "5443209" "5494224" "5494225" "5615870" "5655716" "5803052").PN. (4572436" "4655396" "4787418" "4807812" "4813610" "4909447" "4917307" "4932593" "4941447" "4958773" "4958774" "5054691" "5080288" "5086980" "5154350" "5340032" "5348232" "5372313" "5381965" "5381966" "5417373" "5544816").PN. (4655396" "4787418" "4909447" "4941447" "5054691" "5340032" "5348232" "5372313" "5381965" "5381966").PN. (4385339" "4575009" "4625919" "4717080" "4944486" "4946107" "5190221").PN. (((6012655" "5996911" "5996910" "5979866" "5937887" "5927618" "5732888" "004/08/30" "15:09" "2723" "53- and (crush adj ring) 251/.ccls. or 137/.ccls. (251/.ccls. or 137/.ccls.) and mask\$4 (251/.ccls. or 137/.ccls.) and (mask\$4 and harden\$4) ("5937887").PN.	USPAT	2004/03/30 14:54 2004/03/30 15:04 2004/03/30 15:04 2004/03/30 15:05 2004/03/30 15:06 2004/03/30 15:06

-	1	("5544816").PN.	USPAT	2004/04/02 17:52
---	---	-----------------	-------	------------------